

Bob Hayes

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**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/956,518A**

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TIME: 14:36:27

INPUT SET: S31454.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

1 **SEQUENCE LISTING**

3 (1) General Information:

ENTERED

5 (i) APPLICANT: Leonard, Sherry
6 Freedman, Robert

8 (ii) TITLE OF INVENTION: ALPHA-7 NICOTINIC RECEPTOR

10 (iii) NUMBER OF SEQUENCES: 121

12 (iv) CORRESPONDENCE ADDRESS:

13 (A) ADDRESSEE: MEDLEN & CARROLL, LLP
14 (B) STREET: 220 Montgomery Street, Suite 2200
15 (C) CITY: San Francisco
16 (D) STATE: CA
17 (E) COUNTRY: USA
18 (F) ZIP: 94104

20 (v) COMPUTER READABLE FORM:

21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

26 (vi) CURRENT APPLICATION DATA:

27 (A) APPLICATION NUMBER: US 08/956,518
28 (B) FILING DATE: 23-OCT-1997
29 (C) CLASSIFICATION:

31 (viii) ATTORNEY/AGENT INFORMATION:

32 (A) NAME: MacKnight, Kamrin T.
33 (B) REGISTRATION NUMBER: 38,230
34 (C) REFERENCE/DOCKET NUMBER: UTC-03042

36 (ix) TELECOMMUNICATION INFORMATION:

37 (A) TELEPHONE: 415-705-8410
38 (B) TELEFAX: 415-397-8338

41 (2) INFORMATION FOR SEO ID NO:1:

43 (i) SEQUENCE CHARACTERISTICS:
44 (A) LENGTH: 21 base pair
45 (B) TYPE: nucleic acid
46 (C) STRANDEDNESS: single

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47 (D) TOPOLOGY: linear
48
49 (ii) MOLECULE TYPE: other nucleic acid
50 (A) DESCRIPTION: /desc = "DNA"
51
52
53
54
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
56
57 TCCTGATGTC GGCTCCCAAC T 21
58
59 (2) INFORMATION FOR SEQ ID NO:2:
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61 (i) SEQUENCE CHARACTERISTICS:
62 (A) LENGTH: 21 base pairs
63 (B) TYPE: nucleic acid
64 (C) STRANDEDNESS: single
65 (D) TOPOLOGY: linear
66
67 (ii) MOLECULE TYPE: other nucleic acid
68 (A) DESCRIPTION: /desc = "DNA"
69
70
71
72
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
74
75 GGTACGGATG TGCCAAGGAT A 21
76
77 (2) INFORMATION FOR SEQ ID NO:3:
78
79 (i) SEQUENCE CHARACTERISTICS:
80 (A) LENGTH: 21 base pairs
81 (B) TYPE: nucleic acid
82 (C) STRANDEDNESS: single
83 (D) TOPOLOGY: linear
84
85 (ii) MOLECULE TYPE: other nucleic acid
86 (A) DESCRIPTION: /desc = "DNA"
87
88
89
90
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
92
93 TTTGGGGGTG CTAATCCAGG A 21
94
95 (2) INFORMATION FOR SEQ ID NO:4:
96
97 (i) SEQUENCE CHARACTERISTICS:
98 (A) LENGTH: 21 base pairs
99 (B) TYPE: nucleic acid

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100 (C) STRANDEDNESS: single
101 (D) TOPOLOGY: linear
102
103 (ii) MOLECULE TYPE: other nucleic acid
104 (A) DESCRIPTION: /desc = "DNA"
105
106
107
108
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
110
111 TTGTTTCCT TCCACCAGTC A 21
112
113 (2) INFORMATION FOR SEQ ID NO:5:
114
115 (i) SEQUENCE CHARACTERISTICS:
116 (A) LENGTH: 22 base pairs
117 (B) TYPE: nucleic acid
118 (C) STRANDEDNESS: single
119 (D) TOPOLOGY: linear
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121 (ii) MOLECULE TYPE: other nucleic acid
122 (A) DESCRIPTION: /desc = "DNA"
123
124
125
126
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
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129 CTCGCTGCAG CTCCGGGACT CA 22
130
131 (2) INFORMATION FOR SEQ ID NO:6:
132
133 (i) SEQUENCE CHARACTERISTICS:
134 (A) LENGTH: 20 base pairs
135 (B) TYPE: nucleic acid
136 (C) STRANDEDNESS: single
137 (D) TOPOLOGY: linear
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139 (ii) MOLECULE TYPE: other nucleic acid
140 (A) DESCRIPTION: /desc = "DNA"
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142
143
144
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
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147 GGAGGCTCAG GGAGAAGTAG 20
148
149 (2) INFORMATION FOR SEQ ID NO:7:
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151 (i) SEQUENCE CHARACTERISTICS:
152 (A) LENGTH: 21 base pairs

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153 (B) TYPE: nucleic acid
154 (C) STRANDEDNESS: single
155 (D) TOPOLOGY: linear
156
157 (ii) MOLECULE TYPE: other nucleic acid
158 (A) DESCRIPTION: /desc = "DNA"
159
160
161
162
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
164

165 CTCCAGGATC TTGGCCAAGT C 21
166

167 (2) INFORMATION FOR SEQ ID NO:8:

168
169 (i) SEQUENCE CHARACTERISTICS:
170 (A) LENGTH: 21 base pairs
171 (B) TYPE: nucleic acid
172 (C) STRANDEDNESS: single
173 (D) TOPOLOGY: linear
174
175 (ii) MOLECULE TYPE: other nucleic acid
176 (A) DESCRIPTION: /desc = "DNA"
177
178
179
180

181 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
182

183 AGATGCCCAA GTGGACCAGA G 21
184

185 (2) INFORMATION FOR SEQ ID NO:9:

186
187 (i) SEQUENCE CHARACTERISTICS:
188 (A) LENGTH: 337 base pairs
189 (B) TYPE: nucleic acid
190 (C) STRANDEDNESS: single
191 (D) TOPOLOGY: linear
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193 (ii) MOLECULE TYPE: other nucleic acid
194 (A) DESCRIPTION: /desc = "DNA"
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196
197
198

199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
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201 AGATGCCCAA GTGGACCAGA GTCATCCTTC TGAACCTGGTG CGCGTGGTTC CTGCGAATGA 60
202
203 AGAGGCCCGG GGAGGACAAG GTGCGCCCGG CCTGCCAGCA CAAGCAGCGG CGCTGCAGCC 120
204
205 TGGCCAGTGT GGAGATGAGC GCCGTGGGCC CGCCGCCCGC CAGCAACGGG AACCTGCTGT 180

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206
207 ACATCGGCTT CCGCGGCCTG GACGGCGTGC ACTGTGTCCC GACCCCCGAC TCTGGGGTAG 240
208
209 TGTGTGGCCG CATGGCCTGC TCCCCCACGC ACGATGAGCA CCTCCTGCAC GGCGGGCAAC 300
210
211 CCCCCGAGGG GGACCCGGAC TTGGCCAAGA TCCTGGA 337
212
213 (2) INFORMATION FOR SEQ ID NO:10:
214
215 (i) SEQUENCE CHARACTERISTICS:
216 (A) LENGTH: 32 base pairs
217 (B) TYPE: nucleic acid
218 (C) STRANDEDNESS: single
219 (D) TOPOLOGY: linear
220
221 (ii) MOLECULE TYPE: other nucleic acid
222 (A) DESCRIPTION: /desc = "DNA"
223
224
225
226
227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
228
229 CACACACACA CACACACACA CACACACACA CA 32
230
231 (2) INFORMATION FOR SEQ ID NO:11:
232
233 (i) SEQUENCE CHARACTERISTICS:
234 (A) LENGTH: 54 base pairs
235 (B) TYPE: nucleic acid
236 (C) STRANDEDNESS: single
237 (D) TOPOLOGY: linear
238
239 (ii) MOLECULE TYPE: other nucleic acid
240 (A) DESCRIPTION: /desc = "DNA"
241
242
243
244
245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
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247 CACACACACA TCACACACAC ACACACACAC ACACATACAC ACACACACCA CACA 54
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249 (2) INFORMATION FOR SEQ ID NO:12:
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251 (i) SEQUENCE CHARACTERISTICS:
252 (A) LENGTH: 16 base pairs
253 (B) TYPE: nucleic acid
254 (C) STRANDEDNESS: single
255 (D) TOPOLOGY: linear
256
257 (ii) MOLECULE TYPE: other nucleic acid
258 (A) DESCRIPTION: /desc = "DNA"

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SEQUENCE VERIFICATION REPORT
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Original Text